

**MARCH 20, '02**

**Oak Grove Creamery Company,**

**DAIRY LUNCH ROOM**  
445 Boylston St., cor. Berkeley, opp. Y.M.C.A. Bldg.  
Where can be had

SANDWICHES OF ALL KINDS, SOUPS, TEA, COFFEE, AND REGULAR DAIRY LUNCH.

Our menu consists of a careful selection of the most appetizing and seasonable viands the market affords. In every case everything is of the choicest quality, cooked and served as food of this sort should be cooked and served. Our unique combination breakfast plan is proving a most popular feature. . . . .

\$5.50 Check for \$5.00.

Pure Milk and Cream.

All Kinds of Meats.

**NELSON L. MARTIN.**



**= SHOES =**  
**FOR COLLEGE MEN**  
**A SPECIALTY.**



THE HENRY H. TUTTLE CO., - Washington and Winter Streets, Boston.

GEORGE H. LANE,

**Tailor**

You will find on our counters a large and carefully selected stock of Fine American and Foreign Woolens at moderate prices.

**PRINCE ALBERT**  
**and DRESS SUITS**  
**OUR SPECIALTY**



18 Boylston St., 651 Washington St.

Boston.

**A Clean Sweep**

We are closing out all our odds and ends in HOSIERY, UNDERWEAR, PAJAMAS and SWEATERS regardless of cost. Odd sizes in MEN'S FANCY SHIRTS, one half regular price. We give special attention to Students' laundry. Work called for and delivered promptly.

**A. COHEN, 329 Columbus Ave.**  
Discount to Students

**Special Attention to Students**

**TRINITY COURT** **2 STUART STREET**  
**Petit Lunch**

Regular Meals 20c. and 25c.

# Royal Dairy Lunch

11 and 12 PARK SQUARE

BOSTON \* \* MASS.

Open Day and Night

A. C. STONE,  
C. H. MANSFIELD, } Proprietors

# The Berkeley Hotel

Berkeley and Boylston Streets

EUROPEAN AND \* \*  
\* \* AMERICAN PLANS

Modern in Every Detail

Restaurant à la Carte  
Dining room table d'hôte

Gentlemen's CAFÉ and Billiard  
Room. Entrance on Berkeley St.

JOHN A. SHERLOCK

# Browning, King & Co.,

700 Washington Street, BOSTON.

## CUSTOM DEPARTMENT

Is now prepared to show the  
latest novelties for all garments.

Overcoats to order, - - - - \$20 to \$55  
Suits to order, - - - - \$20 to \$40  
Trousers to order, - - - - \$6 to \$12

Fit and Wear Guaranteed.

MATTHEW KING, \* \* \* Manager.

# C. F. HOVEY & CO.,

Importers and Retailers of

# Dry Goods,



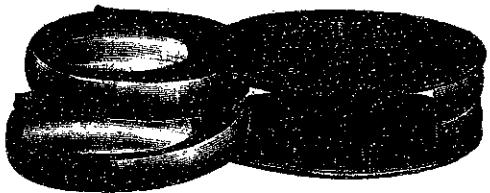
FINE CUSTOM MADE  
SHIRTS A SPECIALTY.



PARIS,  
12 Rue Ambroise  
Thomas.

BOSTON,  
33 Summer St.  
AND  
42 Avon St.

## Pocket Magnifying Glasses



Size 5. Two Lenses. Diam. 7/8 and 1 inch.

Price 40c. each.

We are prepared to quote lowest prices on all forms of Magnifying Glasses, Coddingtons, Aplanatic Triplets, etc. Cameras and Photographic Supplies.

**Pinkham & Smith**

Opticians,

288 Boylston Street,  
Boston, Mass.

## SCIENTIFIC BOOKS

DAMRELL & UPHAM,  
The Old Corner Bookstore  
283 Washington St., Boston.

ALL GOODS REQUIRED BY  
STUDENTS AT

**MacLachlan's,**

214 Clarendon Street.

Drawing Instruments and Materials, etc.  
Fountain Pens, Text Books.

**T E C H**

WILL HERAFTER BE ON SALE

*Thursdays, 12 to 1*

IN

ROGERS CORRIDOR  
and LUNCH ROOM

*Friday morning*

8.45 to 9.05, in  
ROGERS CORRIDOR

**Fall In!**  
**Keep Step with Progress**  
*in the Art of Photography*

**All the Latest High Art  
Productions can be had of**

***Elmer Chickering.***

The Leading Photographer

**21 West St. - - Boston, Mass.**

# THE MIDVALE STEEL CO.,

Locomotive and Car Wheel Tires,  
Forgings and Castings,  
Bar Steel.



Nickel Steel  
Forgings  
for  
Marine Engines.

Ordnance  
Forgings  
and  
Castings.



OFFICE AND WORKS:  
PHILADELPHIA, PA.



# SPRING FASHIONS IN STUDENTS' HATS

*Agents for*  
**K N O X**  
*New York Hats*

**Hall & Hancock**  
407 Washington St., Boston

PAMONA GLOVE  
**\$1.50**  
VERY DESIRABLE  
**RAY, OUTFITTER**  
509 Washington St., cor.  
West St.  
BOSTON



THE LARGEST ASSORTMENT OF FOREIGN WOOLENS SHOWN IN BOSTON.

CO-OPERATIVE.

# THE TECH

VOL. XXI.

BOSTON, MARCH 20, 1902.

NO. 20.

## THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

RICHARD C. TOLMAN, 1903, *Editor-in-Chief.*  
G. E. ATKINS, 1904, *Assistant Editor-in-Chief.*  
H. W. GODDARD, 1904, *Secretary.*  
C. H. GRAESSER, 1905, *Alumni Editor.*  
I. RAYNE ADAMS, 1902.  
G. W. EASTMAN, 1904.  
J. A. FREMMER, 1904.  
W. J. WELLMAN, 1902.  
H. A. SCHERRER, 1903. *Art Editors.*

PRESTON M. SMITH, 1904. *Business Manager.*  
C. W. JOHNSTON, 1905, *Assistant Business Manager.*

OFFICE: 30 ROGERS, 491 BOYLSTON STREET.  
OFFICE HOURS:

Editor-in-Chief, Monday, 9-11 A.M.  
Business Manager, Thursday, 12-1 P.M.

For the benefit of students *THE TECH* will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

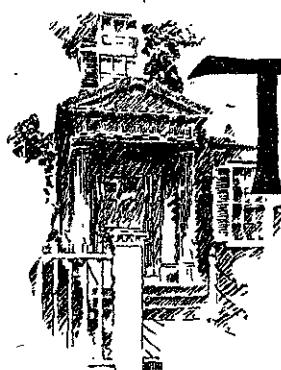
All communications with the Alumni Department should be addressed to the *Alumni Editor.*

Subscription, \$2.00 per year, in advance. Single copies, 10cts.

Entered in Post-office, Boston, Mass., as Second-class Matter.

Puritan Press, Boston.

"In the spring a fuller crimson comes upon the robin's breast;  
In the spring the wanton lapwing gets himself another crest;  
In the spring a livelier iris changes on the burnished dove;  
In the spring a young man's fancy lightly turns to thoughts of love."



ENNYSON may be right about the "young man's fancy," but we venture to assert that it would be better for the young man if his thoughts turned towards athletics. After a long, hard winter of mental work the student is in special need

of lots of exercise in the fresh air of outdoors. Some of us, but few, far too few, have been pretty regular at the gymnasium during the winter. That is good, and there is no reason for giving up gymnasium work entirely as spring comes on, but indoor exercise should be varied as much as possible by outdoor work.

We would urge in particular those who have been doing little or no athletic work during the winter, to come out at this time. You need the exercise. Institute athletics need you and your enthusiastic efforts and support. Many of you have done and could do really good athletic work, if you would. Kill two birds with one stone, then — benefit yourself physically, improve your studying capacity, show your loyalty to your class and to your college, by putting your best foot forward in some branch of Institute athletics.



In another page in the report of the 1903 class meeting will be found mention of the articles taken by the Juniors at a recent "smoker." The class voted to pay for these steins, coffee-spoons, and other mementos which were appropriated, and under the circumstances it was the only proper action to take.

Certainly it is not for us to deny that there is a sort of romantic glamour, a pleasant kind of dare-devil excitement, in stealing out into the black night to "swipe" a sign; but when our own classmates are called upon to pay a large bill, as a result of our thoughtlessness, we begin to look at the matter from another

point of view. It really was a fine thing to slip a coffee-spoon into our vest-pocket; to be sure there wasn't the least danger of being detected, but we had a delightful sense of bandit wickedness. Alas! this pleasant feeling all disappears when we think that some poor chap who has just scraped his class dues together is paying the piper, when we did the dancing.



LAST week THE TECH published an account of the bravery of a Technology graduate at the wreck of the steamship "Walla Walla," on the California coast. It is not very often in a lifetime that one has an opportunity to test one's bravery and nerve, and when such a chance does arrive it is often lost in the excitement of the moment. When we see such an example of courage as in the case of Mr. Kotschmar, we cannot suppress a thrill of admiration, especially when, as in this particular case, the hero faces the danger surrounded by cowards who do not lift a finger to help him. We cannot help appreciating how nobly his actions stand out when contrasted with those of his companions, who were filled only with a morbid sense of self-preservation.

#### Cross-country Association.

The first hare and hounds chase of the spring was held from Arlington, March 15. Twenty-five men ran, in spite of the soft footing. A new style of trail was laid, containing many blinds, which resulted in the hounds losing considerable time and energy in following false scent, and made the run seem long, although the distance traversed by the hares was only a little over five miles. The trail led from Brattle Street easterly to Mystic Lake, Winchester; northerly along Arlington Street; westerly to Arlington Heights, past the standpipe; southerly toward

Spy Pond, and the finish along Massachusetts Avenue. The hares were Haynes, Flynn and Holcombe. All the hounds finished.

In accordance with the new constitution of the association, nominations for president, secretary, captain, assistant captain and manager will be received by the secretary, Mr. W. P. R. Pember. Nominations close Thursday, March 27, 1902.

#### Trip of Forging Class.

The first of last week the classes in forging, under Mr. Lambirth, took trips to East Boston in order to learn by observation how the heavier work in forging is accomplished. The first place visited was the Lockwood Manufacturing Company, where hand work was being done. This shop is of special interest to Mr. Lambirth, for it was in the early sixties that he saw the first smoke rise from its chimneys. The greater part of the afternoon was spent at the East Boston Forge. At these works scrap iron was being forged together and heavy pieces hammered out under the great steam hammers. Watching the heavy hammers was very interesting, and with no four-o'clock gong to disturb them, the party did not break up until quite late in the afternoon.

#### Technique Electoral Committee.

Notice is hereby given that nominations for 1904 Technique Electoral Committee are in order, subject to the following conditions:

Polls open Monday, April 14, 1 P.M., and close Wednesday, April 16, 1.30 P.M. Ballots before Wednesday to be left at "Cage," care of A. C. Downes. Ballots on Wednesday at place in Rogers corridor.

Each ballot must contain twenty-five names of members of Class of 1904, and each ballot must be in sealed envelope, with the following label:

Ballot of (name) for Electoral Committee Class of 1904.

The twenty-five men receiving the highest number of votes will receive election.

## Mr. Dooley on Colleges.

BY OLEOMARGARINE W. GLUCOSE.  
(With apologies to Mr. F. P. Dunne.)

"Did ye iver go to collige?" asked Mr. Hennessy.  
"I niver did," answered Mr. Dooley, "but I had me arr'm broken wanst in a hazin' party over to Schwarzmeister's, an' I can give a yill, which f'r profaynity wud make th' Tich yill blush Harvard crimson. No wan nowadays wud dare to spake ill iv th' colliges. Iv'ry wan will swear that th' collige is th' boowlark iv th' nation, th' corner-stone iv liberty, an' th' stippin'-stone to success, an' it is all these an' more besides. If I had a son, I wud either make him lay pavin'-stones or sind him to Harvard to lay a few corner-stones an' stippin'-stones. Manny min that are now tryin' to lay a corner-stone with a pair iv silver bon-bon tongs, had betther practise on th' pavin'-stone first. But look at all th' great min that's been conniected with th' colliges. There's Carnaygie, an' Rockyfellar, an' Schwamb an' Morgan."

"Goowan," said Mr. Hennessy, "they didn't gradyate fr'm collige."

"Perhaps they didn't," said Mr. Dooley, "but th' colliges all like them just th' same. I see be th' papers that Carnaygie is goin' to build a grand ooniversity in Washington. What a foine thing it will be whin it is finished. All th' poor divils who are now starvin' f'r want iv a bite iv brid can go to th' ooniversity an' learn th' pathitic story iv th' Spartan b'y with th' Red Fox ailin' an' th' story iv Romulus rollin' down an inclined plane in a shpiked barrel. It is a noble sintiment to give money f'r iducational purposes to th' colliges. 'I will give ye tin trillion dollars,' says wan iv those rich min, 'on condition that ye raise an ayquil amount iv th' dirty stuff in three days. An' be th' way,' says he, pinsively passin' his hand over his brow, 'ye needn't mintion me name,' says he, 'but if ye do, be sure to print it in full,' says he."

"A few years ago, Hinnissy, beforre th' hand-organ give way to th' hurdy gurdy, whin th' countrry was in its first bloomin' youth, there was not much talk iv collige. Th' b'y that wanted to go to collige to dig in mathematics had to dig potatoes first. Th' b'y that filt like doin' some Latin f'r th' sake iv humanity, had to do a little lathin' at home f'r his father. Th' countrry is now no longer in its bloomin' youth, but it is full iv thim. 'My son,' says a proud an' happy father, 'my son,' says he, lookin' into his honest green eyes, 'wud ye like to go to Harvard or to Dartmouth or to Princeton or to Yale, or to th' Ooniversity iv Idaho?' says he. 'I think I wud prayfer Harvard,' says th' apple iv his father's eye afther a moment's hisitation, 'f'r because I have seen it advertised on th' bill-boards th' most,' says th' apple. 'Thin Willie goes to Harvard f'r to lay corner-stones an' stippin'-stones; but bechune ye an' me, Hinnissy, I wudden't hire him to lay a brick.'

"Is Harvard th' only collige they is?" asked Mr. Hennessy.

"It is only wan iv th' only wans," said Mr. Dooley. "Thin there is Yale an' Columbia an' Princeton an' Brown an' Cornill an' Tich an' Harvard —"

"Ye mintioned Harvard beforre," said Mr. Hennessy.

"This is th' other part iv Harvard," said Mr. Dooley, "th' part that goes there to work an' to learn. It ought to be called 'Harvard Proper,' be right. In iv'ry collige, Hinnissy, ye will find two classes iv stoodints: th' kind that advertises th' collige while they are in it, be the-er yills an' cheers; an' th' kind that advertises th' school afther they have gradyated. If ye don't believe that collige is th' greatest thing on earth, ask th' collige stoodint. An' if ye iver have occasion to dayliver an addriss beforre a lot iv collige stoodints on Commencement Day, say somethin' original, like this: 'I see beforre me to-day, me young frinds, th' min who will be th' future vothers an' fathers an' superintidents iv shtrates iv th' countrry. Th' whole world lies beforre ye, but see that ye don't lie beforre it. Ye stand on th' thrish-hold iv life, lookin' out upon th' billowy sea iv th' future, an' with th' bright beacon-light iv learnin' in ye-er hand riddy to mount to th' deepest height iv ye-er ambition. Be virtue iv ye-er superiore trainin', it is f'r ye, me frinds, to take th' reins iv power into ye-er hands; it is f'r ye to put on th' ermeen robes iv king-ship; it is f'r ye to lead, to guide an' to instruct ye-er fellow-mortals. Thank ye, ginglemin.' Thin go out, Hinnissy an' tell th' fellow-mortals to prepare f'r th' worst."

"Th' good old-fashioned flickerin' fire-places at which great min used to study are gone, Hinnissy, an' in place iv each wan we have a fine, new collige, complete with all th' attachmints nicissary to turn out law-yers, an' docthers, an' ministers, an' taychers be th' hundhreds. In wan ind iv th' machine, ye put wan iv th' flowers iv th' risin' gineration, wan globule fr'm th' cream iv th' continent, an' in a little while there comes out at th' other ind a law-yer or a docther or a taycher, wavin' his collige flag, wearin' his collige pin, smokin' his collige pipe, an' yillin' his collige yill. 'Tis a wonderful prociss, an' th' machine works almost like a human bein'."

"But it's all right to have plinty iv law-yers an' docthers, isn't it?" said Mr. Hennessy.

"I know that," said Mr. Dooley, "I know that, but think iv all th' fine auctioneers an' butchers we've lost."

## Walker Club Play.

A preliminary meeting of the candidates for the Walker Club play was held last Friday. Mrs. Nolan made a few temporary selections for some of the parts, but on account of nonarrival of books, nothing very definite was done.

## Technology Chambers.

Work is rapidly progressing on the building at the corner of St. Botolph and Irvington Streets, which will no doubt next winter be a pleasant home for many a Technology student. The brickwork is pretty well finished up to the third-floor level, and a fairly good idea can be formed of how the building will look when completed.

One of the most noticeable features of the structure is the large number of windows. The building will have its main entrance on St. Botolph Street (extended), and this will undoubtedly be the most attractive side of the building. The main entrance will be back some distance from the street, giving space for a large and roomy courtyard between two wings of the building. In this courtyard there will be a grassplot, with settees.

Within, the arrangement of the building seems to be admirable. The St. Botolph Street entrance opens into a large corridor, which can also be entered from Irvington Street. This corridor leads to the elevator and stairs, and also to the dining-room, club-room and billiard-room, which occupy about two-thirds of the first floor. In the basement will be two of the most attractive features of the building — the gymnasium and the swimming-pool.

The living-rooms will occupy the southwest corner of the first floor and all of the four floors above. There will be about twenty chambers and ten "studies" on each floor, so that there is one "study" for each two chambers. These are arranged to open directly into the study in most cases, but in some only through the halls. This is a very liberal allowance of study-room, and will surely be appreciated. Altogether, the Technology chambers promise to be very attractive and convenient, and if conducted in the same spirit in which they have been planned and begun, most worthy of success.



The *Theatregoer* went to *Captain Jinks* ready to be displeased and found it almost delightful. The comedy is a characteristic Clyde Fitch "show," a piece that props itself up with any sort of unnecessary "novelty"; that crowds on the stage characters who may have a moment's witticism or comic stage-play and are not heard of again; that is full of so many jokes you cannot escape being amused with a few that are good enough to hear twice and some others that happen to be new to you; that introduces surprise after surprise till nothing can be any longer surprising, and annoys your satisfaction at the happy close by still another "situation" prodding you to be surprised once again; that is always, however, with whatever extravagance of action, lively and awake; and that gives to one or two characters chance for really charming acting.

Miss Barrymore, of course, is the play, and pleases partly by a beautiful person, partly by a winning personality. Not the least astonishing element of her triumph is the grace and positive loveliness which she somehow charms into the appalling costume,—that of the mountainous, humpback bustle of a generation ago. Miss Barrymore has a magnificent voice, and her rôle fortunately calls for a slight drawling and affectation of speech, which, being assumed in a half-laughing way, is not in the least offensive and shows to advantage the range and richness of her tones. The striking quality of the part is, in fact, sincere, simple womanliness constantly softening and sometimes illuminating the superficial playfulness or silliness of the shrewd and successful opera star.

\* \* \*

Sir Henry Irving upon his return to London will revive *Faust* with Miss Cecilia Loftus as Marguerite. Salvini coupled Mr. Irving's Mephistopheles with his Shylock in the comment that they were pieces of acting hardly to be improved.

\* \* \*

The three plays now exciting most interest on the European stage all claim, as it happens, permanent literary merit. Sudermann's *Es Lebe das Leben* is an hysterical tragedy of modern politics, marital infidelity and suicide,—little likely, judging from reported criticism, to add to the author's already established reputation. Boston will see this season the best of Sudermann's plays given by an actress of first-rate power. *Heimat*, which appeared in January, 1893, has usually been acknowledged as the author's strong-

est drama, and has been made familiar to the European stage by Modjeska, Duse and Bernhardt. *Magda* — as the English version is entitled, from the heroine's name — is to open Mrs. Patrick Campbell's engagement of a week in April. Italy has gone wild over the passionate drama of *Francesca da Rimini* by the young and brilliant Italian poet and novelist, D'Annunzio. Public excitement has been so extreme as to require police regulation. The English stage has witnessed for the past month Mr. Stephen Phillips's third attempt to produce vital poetic drama. Mr. Phillips began his career as dramatist three years ago, with *Paolo and Francesca*, the same subject D'Annunzio has since very differently treated. Before playwriting, Mr. Phillips's reputation as a poet was established, chiefly by his *Christ in Hades* and the classical narrative, *Marpessa*. The first play, though poetically beautiful and though carefully presented by Mr. Beerbohm-Tree, seemed in acting ineffective. *Herod*, the next year, was dramatically stronger and poetically not inferior. *Ulysses* began its run February last with Mr. Tree in the title rôle, and from all accounts no care or expense was spared in staging the play. The text, already published in America, is full of very lovely passages and is interesting as proof that Mr. Phillips can write poetry as lovely as that of his previous plays yet quite different in subject. It is hard to believe, however, that the play on the stage can escape being ludicrous. The prologue of gods on Olympus chaffing Zeus for his amours must be distressing; and the descent into Hades — even in reading, a feeble variation of the *Christ in Hades* — must in dramatic presentation be at least grotesque. Mr. Phillips seems again to have succeeded in writing a noble dramatic poem but an inadequate poetic drama.

#### 1903 Class Meeting.

A meeting of the Junior Class was held on Thursday last in Room 11, with President Lee in the chair. After the reading of the minutes of the previous meeting Mr. Taylor, the chairman of the Class Smoker Committee, made a statement concerning the articles taken at the two recent "smokers." It is certainly a very gratifying thing to be able to state that only three coffee-spoons were "swiped" at the last gathering, in place of the larger number of assorted articles taken at the previous meeting. Mr. Taylor stated that such an action must have been mere thoughtlessness on the part of the class, and

it certainly does seem to betoken a rather general absent-mindedness on the part of the Juniors. But now that attention has been called to the matter, it is probable that no such action will occur again. It was voted by the class — or rather by those members of the class who show enough interest in class activities to show up at class meetings, to pay for the articles taken by their absent-minded classmates.

It was decided to hold a Junior Prom., and the following committee was chosen: Davis (chairman), McIntosh, Seyms, H. S. Baker, Harris, Drury.

The date of the Prom. has not been definitely fixed, but Thursday, April 24, has been thought of. We hear that *Technique* comes out the morning of that same day.

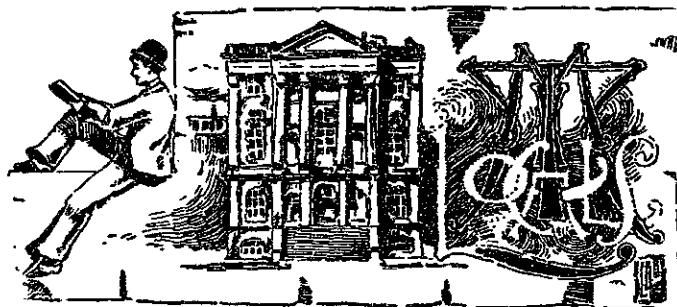
Mr. Howes mentioned the matter of holding a class dinner of a more informal character than hitherto, and it was voted that arrangements be made to hold one.

#### M. I. T. Y. M. C. A.

At last Tuesday's meeting Mr. L. R. Moore, president of Prospect Union, Cambridge, told of the work of Harvard men in connection with this social settlement; the work of Tech men at Fort Strong and in the Boys' Club at St. Stephen's Church was also discussed. Next Tuesday Rev. A. E. Cross, assistant pastor of the Old South Church, will speak.

#### Mining Engineering Society.

The Mining Engineering Society held a meeting Friday, March 14, at 4 p.m. Mr. Cates, the president of the society, introduced Mr. F. A. Thamsch as the speaker of the occasion. Mr. Thamsch spoke about mining in South America. He paid particular attention to the mining of nitrate of soda in Chile. The lecture was doubly interesting because it was founded on personal experiences.



There is to be a dinner of the Chicago Club, Thursday, March 20, at Mieusset's restaurant, Washington Street, at 6.15. All Chicago men are urged to come.

There will be a meeting of the Technology Forum, 1905, next Friday afternoon at 2.30, in Room 22, Rogers.

The following appointments in the Freshman Battalion have been made: Company E: Corporals: D. H. Nicholson, E. F. Kriegsman.

The following corporals have been appointed in the Cadet Battalion: Company A: H. A. Holz, C. R. Shaw; Company C: W. G. Ball.

In a recent issue we stated that Professor Bardwell had been in Mexico, looking after some mining interests. To say the least, this is slightly inaccurate. Professor Bardwell is in Mexico at the present time, and has gone there in the interests of the rubber industry, and is investigating rubber plantations.

THE TECH has been requested to call attention to the fact that members of the Junior Class are now eligible for membership in the Technology Club; also, that should the undergraduate membership limit be reached soon, that after the 1st of April all members of the Senior Class will then be eligible. The undergraduate list is limited to sixty.

Much excitement has been aroused over the appearance of a pile-driver on the site of the Walker Memorial Gymnasium. The real purpose of its being there is not, how-

ever, to begin work on the building. It is to be used in testing the solidity of the ground under the new Electrical Building, so that the vibrations so noticeable in the present physical laboratories may be avoided, as far as possible.

We take the following clipping from Monday's *Transcript*: "Pres. Henry S. Pritchett of the Massachusetts Institute of Technology spoke yesterday afternoon in the hall of the North Bennet Street Industrial School, under the auspices of the Civic League House Management. His subject was: 'Opportunities for Industrial Education.' The lecture was one of the Sunday course arranged by Meyer Bloomfield, director of the Civic League House Work."

We take the following clipping from the *Army and Navy Journal*. It brings out the fact that the Naval Academy has lately been falling behind its outside contemporaries as an institution of engineering. "In his statement before the Naval Committee of the House, recently quoted here, Admiral Melville declared that there were several institutions in the country that are now turning out better engineers than they do at the Naval Academy; and he explained that it was his desire to make the Academy an engineering school which shall graduate engineers as capable as those trained at the Boston Institute of Technology, Cornell University or Stevens Institute."

It may be of interest to Course XIII. men that the first prize of the *Forest and Stream* designing competition for the best all-round 25-foot waterline cruising sloop, and also the prize offered by Mr. Zerega of the New York Yacht Club for the best arranged cabin plan, were captured by a yacht designed by Mr. Morgan Barney, 1900. Mr. Morgan Barney, who was a former editor of THE TECH, and a Course XIII. man, is at present engaged in yacht designing with H. C. Win-

tringham in New York. The plans of the sloop may be found in the *Forest and Stream* for March 15. We have a copy of the paper in the office, which we should be glad to lend any one interested.

#### Prize Drill.

The Class of 1902 three years ago donated a cup to be competed for in military drill by any preparatory school east of the Mississippi River. The conditions were: that any school could send but two representatives, and the school winning the largest number of points in four years should win the cup. The best eight men in the competitive drill receive points,—the first man wins eight points, and so on down to one point. Thus it is possible for a school to win fifteen points. It has been voted that the Technology Battalion shall not be represented.

The cup is now held by St. John's Military Academy, New York. This school won eight points three years ago. On account of difficulties in the military department there have been no drills for the past two years. It is hoped this year to resume the competition.

The drill will be held about April 25. A battalion of Tech companies will give an exhibition drill. It is hoped that the proceeds will be devoted to a field day of the whole battalion.

The affair is in the hands of Freshman officers, who have formed an association. The officers are: Capt. F. S. Elliott, president; Capt. W. E. Simpson, treasurer, and R. W. Morse, secretary.

#### Calendar.

Thursday, March 20.—Dinner of Chicago Club at Mieusset's restaurant, Washington Street, 6.15 p.m.

Friday, March 21.—Meeting of Technology Forum, Room 22, Rogers, 2.30 p.m.

Tuesday, March 25.—Meeting of M. I. T. Y. M. C. A., Room 11, Rogers.

#### Technology Song-book Committee.

At a meeting Monday afternoon the 1904 Technology Song-book Committee decided that in order to bring forth the most desirable Kommers book, the following plan be pursued:

Each class is to appoint ten of its members to meet with the ten from the Sophomore class, forming a committee of forty, which is to elect from among the undergraduates a certain number of men of recognized literary and musical ability, to publish the book. The number of men on this board is to be determined by the committee of forty. The board, assisted by such help from the alumni as it may secure, will have full charge of the publication of the song-book; but the larger committee will be retained as a sort of advisory council, to assist the board itself.

The president of each class has already been notified of this decision, and it is hoped that prompt action will be taken, in order that the board may be elected and proceed with its work immediately.

#### Senior Class Dinner.

The Senior dinner held at Young's Hotel last Friday evening was a grand success. It was proved that Technology's spirit is not a minus quantity by any means. A very pleasant feature of the evening was a visit from the Class of '75, which was holding its annual dinner in the same hotel. After a very satisfactory dinner the evening was turned over to R. V. Brown, toastmaster, who made some remarks which were very fitting to the occasion, and then called on L. S. Cates to respond to the toast, "The Spirit of 1902." The response was ably given and warmly received. Then followed toasts from C. A. Sawyer, A. E. Lombard and C. W. Kellogg, which were greatly appreciated, the last named especially. Besides the more formal speeches there were many interesting and well-told anecdotes of Institute life by others present. H. K. Hooker sang two solos, a quartette from the Glee Club sang and K. Grant played the piano. At the end of the evening the class sang the new Tech song, and after giving the class yells dispersed.

**A Class Anniversary.**

The twenty-fifth anniversary of the Class of '77, Massachusetts Institute of Technology, was held last week at the Technology Club, Boston.

Dr. Henry S. Pritchett, president of the Massachusetts Institute of Technology, was the special guest of the occasion. Prof. John D. Runkle, who was president at the time of the graduation of the class, was invited to be present, but owing to poor health was obliged to decline.

The following officers were elected: Frank E. Peabody, president; Henry H. Carter, vice-president; R. A. Hale, secretary-treasurer. Mr. Peabody is of the firm of Kidder, Peabody & Co., bankers, Boston. Mr. Carter, formerly superintendent of streets, Boston, is consulting engineer and president of the Metropolitan Construction Co. of Boston.

President Pritchett and ex-Presidents Crafts and Runkle were elected honorary members of the class association. Letters of regret were read from absent members.

Among others that were present were Chas. A. Clarke, of the firm of Hill, Clarke & Co., a large firm dealing in machine shop tools and machinery, which are sent all over the world; John Alden, chemist of Pacific Mills; R. A. Hale, of the Essex Company; Walter Jenny, superintendent of the Jenny Manufacturing Company, a large oil refinery in South Boston; B. A. Williston, of the Hancock Inspirator Company, and who has a son about to graduate from the Institute; Joseph P. Gray, first vice-president of the Boston Manufacturers Mutual Insurance Company; H. C. Southworth, connected with the commission on grade crossings and mining engineer; George A. Nelson, assistant city engineer, Lowell; T. F. Stimpson, superintendent of printing department of the Silver Spring Bleaching and Dyeing Company, Providence; E. Clement, with Clement & Co., stock brokers, Boston; Prof. Linus

Faunce, associate professor of drawing, Massachusetts Institute of Technology; Chas. F. Lawton, superintendent of board of public works of New Bedford; W. H. Beeching and E. Fairbanks, in business in Boston; Benjamin C. Mudge of Lynn, and Albert St. Glover, of the Hersey Meter Company of Boston.

Letters were received from W. E. Chamberlain, architect, Cambridge; George W. Kittredge, chief engineer of the C. C. C. & St. L. Ry., Cincinnati; John E. Hardman, consulting mining engineer, Montreal; Geo. H. Hewitt, mining engineer, who has recently been down in the vicinity of the Panama Canal. Remarks relating to the growth and progress of the Institute and the necessity of providing new buildings for the constantly increasing number of students were made by President Pritchett, and discussion followed by H. H. Carter and others.

**Senior Portfolio.**

The Senior Portfolio Committee offers a Portfolio for the best design for a title-page for 1902 Portfolio. The committee reserves the right to reject any or all designs submitted. Designs to be in black and white, size 8 x 10 inches. Same to be left at "Cage" before April 1, 1902. Address E. T. Pollard.

A special effort is being made to get more men into the chorus of the Tech Show. All men who have done anything in this line are earnestly requested to report Thursday afternoon in Huntington Hall.

Professor Sedgwick on March 18 appeared before a legislative committee, and spoke in favor of a law limiting the manufacture of "water gas." He pointed out its poisonous properties and explained the cost and luminosity of this gas as compared with coal gas.



All communications with this department should be addressed to the Alumni Editor.

'92. Edward C. Wells, II., is starting an electrical concern in Quincy, Ill.

'93. W. G. Houck, I., is secretary-treasurer of the Buffalo Structural Steel Company, at Buffalo, N. Y.

'93. A. L. Kendall is inspector of the Factory Mutual Fire Insurance Companies.

'94. Arthur A. Clement is vice-president and manager of the American Wire Fence Company of Chicago.

'94. A. J. Farnsworth, VI., is assistant chief engineer of the Consolidated Railway Electric Lighting and Equipment Company of New York City.

'97. Jesse W. Shuman, VI., is with the Red River Lumber Company in Minnesota.

'99. N. E. Seaver, VI., is in Minneapolis, representing Stone & Webster, Boston.

'99. Albert F. Nathan, Jr., X., is studying patent law in Washington, D. C., while occupying a position in the patent office. Mr. Nathan stood second in the civil service examination for the place.

'99. Lane Johnson, II., is with the Kansas City Bolt and Nut Company, Kansas City, Mo.

'01. W. J. Sturtevant, VI., is in Seattle, Wash., representing Stone & Webster of Boston.

'01. C. J. Bacon, II., has charge of the testing department of the Fore River Ship and Engine Company, Quincy, Mass.



Every Tech student who has lately had occasion to visit the Engineering buildings must have noticed a sign, "Exhibition of Pictures of Fair Women," done in a style of printing which makes Charlie Adams's two-dollar letter plates look like a cheap handbill. THE LOUNGER saw the sign, and decided to see the women. What a glorious thing it is to visit an art exhibition! After you have recovered from the first shock of a lightened pocket-book, you have the delightful feeling that you are a patron of art. Then you buy a catalogue and proceed to go the rounds, allowing so much time for each picture, and mumbling every now and then something about high lights, middle distances, depth of feeling and delicacy of detail. If a certain picture seems to you to be a particularly bad jumble of mushiness, you should step

farther off, put an idiotic smile on your face, cock your head to one side and say "Ah, I thought so!" This will create a profound impression on the people around you, and serves to hide your ignorance of fine art. But

to come back to the women. On the walls were hung many pictures. There were women with blue eyes, black eyes, brown eyes and glass eyes. There were women with swanlike necks, short, strong necks and alabaster necks. But THE LOUNGER has been trying to learn ever since why the affair was not called a "Prohibition of Fair Women," instead of an "exhibition," for most of the women were such as few conductors would stop a car for even on signal. A picture, THE LOUNGER takes it, may be made by putting paint on something else. When you have put on the right paint in the right places, you have made a picture. Otherwise you have made a fool of yourself. Not every one is a judge of fine pictures, but almost every one thinks he is a judge of beautiful women, and THE LOUNGER swears by his beard that



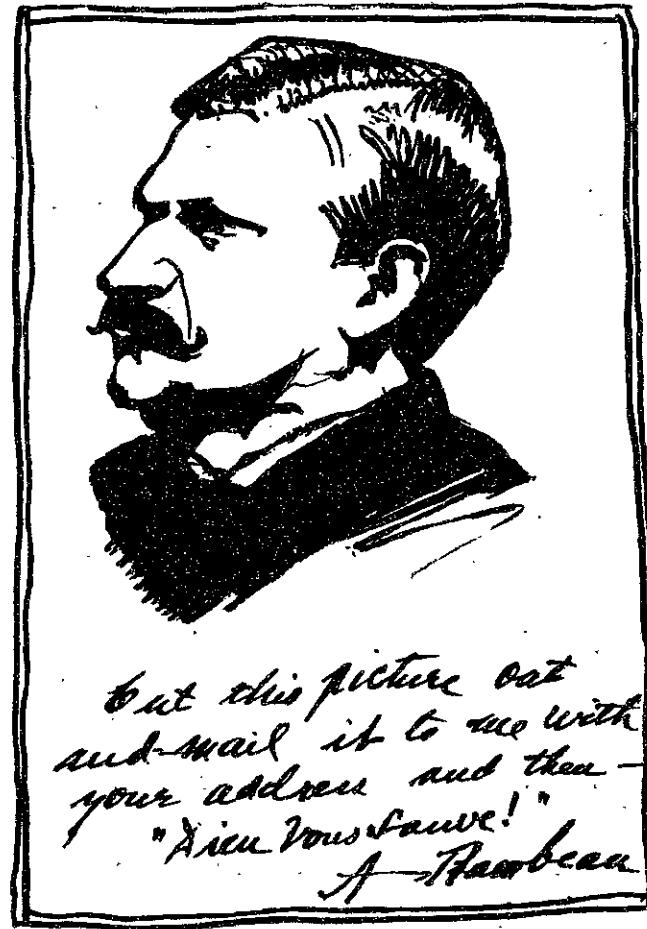
he could find more beautiful women on Tremont Street in a single hour than he could find at the exhibition in a week. Perhaps he has no eye for true *awt*. Perhaps a framed woman with a face that looks as though it were made of putty is more beautiful than a lively, bright, vivacious girl, such as you see now and then. Perhaps a cardboard dress and a fluted halter around the neck are more artistic than the filmy, frothy, dress materials, such as *mousse-line de soie, crêpe de chine, or peau de cygne*, which remind you so much of an ice cream soda and seem so immaterial. Intermingled with the "fair women" there were some pictures of noted society leaders. THE LOUNGER couldn't help smiling to himself when he saw the resolute and courageous face of some mighty and mature matron nestling between a couple of stolid-looking queens of former days. While at the exhibition he was very respectful to the pictures, and he bowed his head with the crowd to the great masters. He refrained from grinning when he stood before the picture of a woman who looked as though she hadn't had a square meal for a month. He was very careful to gage his distance when looking at a picture of the impressionistic school. Yet he was glad when he went out to see once more the familiar trashy "Florodora" posters, to skip along the street grinning when he felt like it, frowning when he felt

like it, whistling when he felt like it. Put the pictures of all the old fogies, all the old fishy-eyed, stiff-necked, parrot-beaked queens behind sheets of glass in an *awt* gallery, and you will have an exhibition worth going to see — provided you put on the other side of the glass some up-to-date, lively, merry, happy, living girls with catalogues in their hands, smiles on their faces and nothing in particular on their minds.

\* \* \*

THE LOUNGER has always had a more tenderly sentimental love for the Walker Building than for Rogers, partly because it doesn't contain the secretary's office, partly because A-lo B-t-s doesn't lecture there, but above all because, while he couldn't take the elevator *up* to Chem. Lab., he could slide down the balusters, *à la* T-mm, P-p, and Mr. H-ll. But now, alas, he can do so no more. It seems that the class in carpentry and wood turning was recently working on a set of little knobs like those on the Rogers balusters, and, soon after, these wartlike excrescences appeared on the shiny railings in Walker.

Won't some youthful *protégée* who wants to win THE LOUNGER'S everlasting love saw them off, and make free use of plane and sandpaper?



# Keep Mfg. Company

## Makers of Keep's Shirts

ARE SHOWING THE LATEST  
IDEAS IN BEAUTIFUL  
DESIGNS OF \*



## Scotch Madras For Custom Shirts

at much less than is usual with ordinary shirt makers, for similar quality.

We would be glad to send you our latest price list fully describing our immense stock of young men's furnishings. May we do so?  
"Buy from the makers and save 25%."

# Hotel Nottingham



The Only Hotel Facing  
Copley Square.

Three minutes walk from the  
New Back Bay Stations of the  
Boston & Albany and N. Y.,  
N. H. & H.

Patronage of Tech Students is solicited  
in our Cafe.



European Plan.

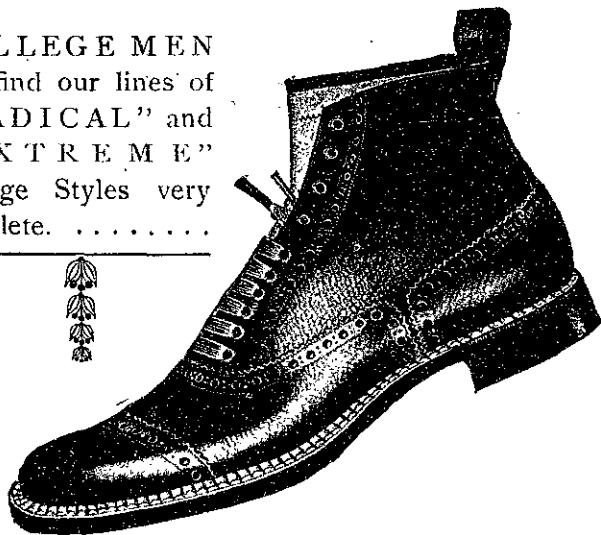


Check Baggage Back Bay Station, Boston.

H. H. Whipple.

# T. E. Moseley & Co.

COLLEGE MEN  
will find our lines of  
"RADICAL" and  
"EXTREME"  
College Styles very  
complete. . . . .



Prices \$3.50 to \$8.50

145 TREMONT ST., Between Temple Pt.  
and West St.

# GRiffin's HATS

We are originators and designers of Young  
Men's Fashionable Headwear. Our styles are  
exclusive and sold only by us.

Prices: \$3, \$3.50, \$4.  
10 per cent DISCOUNT TO TECH STUDENTS.



THE VARSITY, \$3.50

Our spring showing of Caps now ready. Special  
designs made to order. An exclusive assort-  
ment of Walking Sticks in a large range of  
prices. Class Canes a specialty.

# GEO. L. GRIFFIN & SON

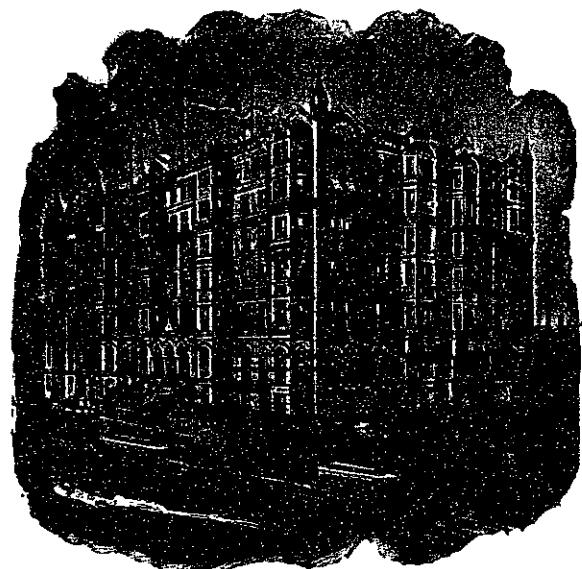
HATTERS TO YOUNG MEN

404 Washington St. - Boston, Mass.

# THE BRUNSWICK

BOSTON, Boylston and Clarendon Sts.

(Adjoining Copley Square)



Kept on Both American and European Plans.

**BARNES & DUNKLEE** Proprietors.

H. H. BARNES, Manager.

## EGYPTIAN DEITIES

"No better Turkish  
Cigarettes can  
be made."

## EGYPTIAN EMBLEM

(Cork Tipped.)

## The Bostonette Rain Coat



Guaranteed absolutely water-proof in all the handsome colorings. No young man's wardrobe complete without a

## "Bostonette"

PRICES:  
\$10.      \$15.      \$20.

SOLD ONLY BY

**Standard Clothing Co.,**  
395 Washington Street.

Just below Winter St.

## The Official Tech Pin.

Gold Plated on Silver, \$1.00.  
Gold, \$2.50. Silver 75 cents.

**HENRY GUILD & SON,**

Manufacturers of HAMMER AND TONGS, and other Society Pins

28 WEST STREET, formerly at  
433 Washington St., cor. Winter St., BOSTON.



**A. S. ADAMS**  
Maker of the Official  
**H. H. T. Pin**  
8 Winter St., BOSTON

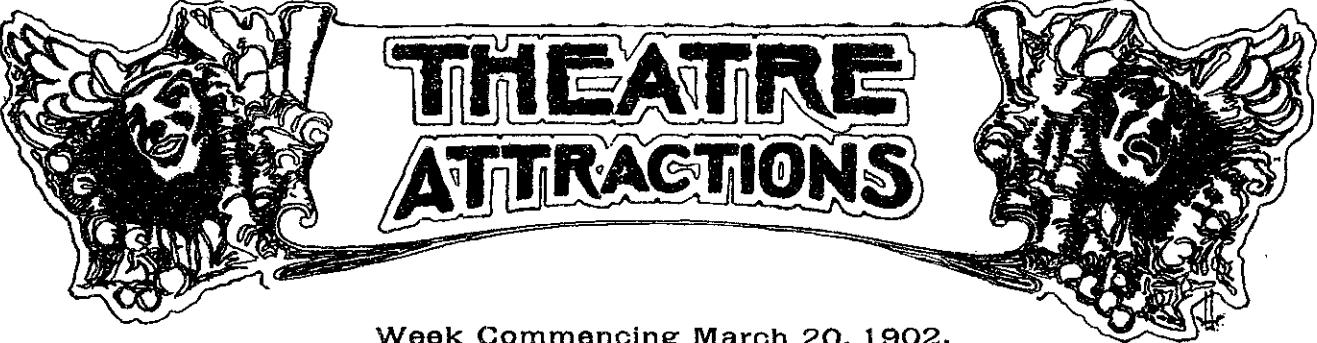


## LANDERS'

NEW LUNCH AND COFFEE HOUSE

20 HUNTINGTON AVE.  
NEAR COPLEY SQUARE, BOSTON

TRY OUR NEW MENU. TWENTY-FIVE YEARS' EXPERIENCE



# THEATRE ATTRACTI0NS

Week Commencing March 20, 1902.

**Hollis Street Theatre.**—Last week of John Drew in "The Second in Command." Next attraction, E. H. Sothern in "If I Were King."

**Colonial Theatre.**—Stupendous production of "Ben Hur." A most imposing spectacle, and worth seeing.

**Tremont Theatre.**—Last week of the undeniable comic opera hit, "King Dodo." Catchy music.

**Boston Museum.**—First week of Ethel Barrymore in "Captain Jinks of the Horse Marines."

**Bijou Theatre.**—This week, Verdi's "La Traviata." Well worth seeing.

**Boston Theatre.**—Grand opera by Maurice Grau's company of stars. Thursday night, "Tristan and Isolde"; Friday night, "Otello"; Saturday matinée, "The Magic Flute"; Saturday evening, grand double bill, "Cavalleria Rusticana" and "I Pagliacci."

**Columbia Theatre.**—Final week of "Morocco Bound." Next attraction, the London Garrick Theatre Company in "A Brace of Partridges."

**Castle Square Theatre.**—"Rosedale," by the regular company. Next week, "Gloriana" will be given.

**HERRICK** TICKETS  
ALL THEATRES Copley  
Square.  
Telephone 608 and 950 Back Bay.

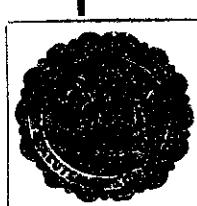
Private Lessons a Specialty.

MISS POST, Dancing and Deportment,  
Pierce Hall, Copley Square.

A New Class for Beginners, commencing Thursday, January 23  
TERMS: \$12 for 10 Lessons.

PRIVATE LESSONS and CLASSES. Office Hours, 9 to 11 a.m.

"THE GIRLS ARE FOND OF THESE"



**TECH EMBLEMS.**

Greatest Variety.  
Lowest Prices.

**BENT & BUSH,**  
397 WASHINGTON ST., BOSTON.

## IMPORTANT. An Immense Reduction Sale

Beginning January 20 and continuing through February we shall **MARK DOWN** all of our **WINTER DOUBLE SOLE GOODS**, together with numerous broken and odd lines of Stylish Modern Shape Shoes in **Single Soles**. This will not be a shop-worn sale of obsolete and undesirable goods, but a general and sweeping reduction of **FINE SEASONABLE GOODS**. Prices will be marked way down to insure a complete cleaning out to make room for Spring Goods.

**COES & STODDER,**  
DOWN-TOWN STORE  
14 School St.      UP-TOWN STORE  
78 Boylston St.

*In The Gym*

You can have  
A bout with the bag,  
or about any other test of agility and  
strength, most easily and comfort-  
ably, in

**PRESIDENT  
SUSPENDERS**

They allow perfect free-  
dom of motion, follow every  
bend of the body. College  
men of "every class"  
wear and like them.  
Every pair guaran-  
teed. See that "Pres-  
ident" is on the  
buckles. Trimmings  
can not  
rust. Price,  
50 cents every-  
where, or by mail,  
post paid. State  
what kind you pre-  
fer, light or dark,  
wide or narrow.

C. A. EDGARTON  
MFG. CO.,  
Box 282  
Shirley, Mass.



Go to the

## WESTMINSTER BARBER SHOP

For best 25c. Hair-cut  
and 15c. Shave in TownSpecial attention given to  
TECH STUDENTS

W. M. ROWAN, PROPRIETOR

*Men Wanted*

TO TRY FOR

## Ass't Business Manager

CALL THURSDAY, 1-2

THE HANDY SHOP  
HOTEL WESTMINSTER • COPLEY SQUARE

MRS. E. S. GARDNER,

Agent for Noyes Bros.' Laundry. Gentlemen's mending a specialty  
Gentlemen's Manicuring and Chiropody.  
Reduced rates to Students.

MISS A. F. CANFIELD.

MME. FIELD.

Established 1870

## J. NEWMAN &amp; SONS

*Florists*51 TREMONT STREET, BOSTON, MASS.  
Suffolk Savings Bank BuildingHEWINS & HOLLIS,  
4 HAMILTON PLACE, - BOSTON.MEN'S  
FURNISHING  
GOODS

## **MEN WANTED!**

### **For Editorial Staff**

**\* \* THE TECH \* \***

## **The Technology Review**

A QUARTERLY MAGAZINE  
DEVOTED TO THE  
INTERESTS OF THE  
MASSACHUSETTS INSTITUTE  
OF TECHNOLOGY

AND

PUBLISHED BY THE ASSOCIATION OF CLASS SECRETARIES  
71 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men, and to stimulate their interest in the work of the College.

It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

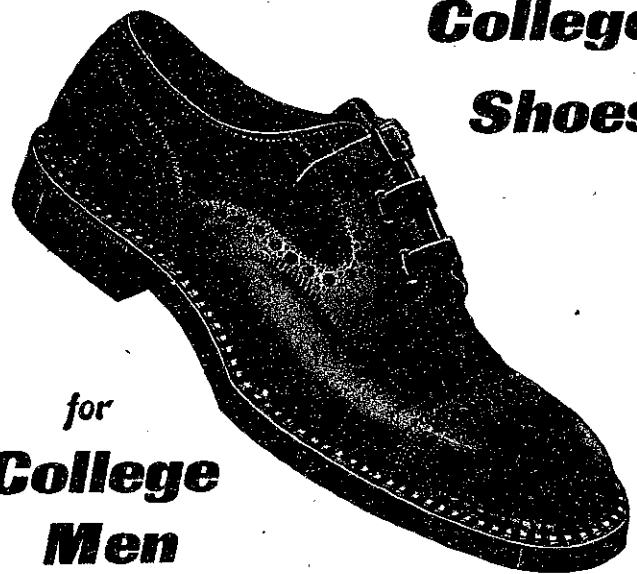
---

SUBSCRIPTION, ONE DOLLAR A YEAR      SINGLE COPIES, THIRTY-FIVE CENTS

---

Volumes I. and II., finely bound in half morocco, are ready for delivery at \$2.50 each, or will be exchanged for unbound sets, provided they are in good condition, at \$1.50 each.

**McMORROW,**  
(Formerly with H. H. Tuttle Co.)



for  
**College**  
**Men**

**238 Washington Street, BOSTON.**

OPP. YOUNG'S HOTEL.

Write for a Catalogue.

**College  
Shoes**



**J. C. LITTLEFIELD,**

Tailor and Outfitter,

12 Beacon Street,  
Boston.

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order.

Golf Breeches, Riding Breeches, and Dress  
Suits a Specialty.

DISCOUNT TO STUDENTS.

WE CARRY A COMPLETE ASSORTMENT OF THE CELEBRATED

**HART, SCHAFFNER & MARX**

— CLOTHING —

— FOR —

**YOUNG MEN.**

THIS CONSISTS OF NEW AND SNAPPY STYLES IN SUITS AND TOPCOATS DESIGNED ESPECIALLY  
FOR THE STUDENT AND CORRECTLY DRESSED YOUNG MAN. : : : : : : : : :

CONTINENTAL CLOTHING HOUSE, WASHINGTON AND  
BOYLSTON STS.

**Gifts for All Occasions.**

**WEDDINGS,**

**ANNIVERSARIES,**

**BIRTHDAYS.**

Gold, Silver and China Novelties. Class Engraving. Athletic Prizes.

**H. Stowell & Co., Incorporated, 24 Winter St.**